

EPS

3A RPC TRIP OR POWER LOSS

Advisory

①

RPCM Tripped

User Notification

Loss of power

1	Check RPC Op/Cl Status.
PCS Node 1: EPS: RPCM XXXX X RPCM XXXX X	
Is affected RPC Opened or Closed?	

CI

2	Failure Isolation.
<ul style="list-style-type: none"> Determine if this is an instrumentation or firmware failure, or downstream failure (load or cable). 	
Power on at load?	

Yes

3	Instrumentation or firmware problem.
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No

4	Check Trip Status.
RPCM XXXX X	
RPC trip indication?	

No

Yes

5	Dump Hindsight Buffer.
<ul style="list-style-type: none"> Have MCC-H perform RPCM BDT Procedure. 	
As reported by MCC-H , did data indicate an overcurrent trip?	

No

Yes

7	Prevent Use of RPC.
RPCM XXXX X	
<ul style="list-style-type: none"> sel RPC X sel Commands cmd Close - Inhibit Execute 	

9

6	Close RPC.
RPCM XXXX X	
<ul style="list-style-type: none"> sel RPC X sel Commands cmd Open Execute cmd Close Execute 	

8	RPC Status.
RPCM XXXX X	
RPC open/close status?	

Op

9	Request RPCM Replacement.
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7

CI

11	Power Status.
Power on at load?	

No

12	Request evaluation of load.
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Yes

13	Transient and/or bad telemetry.
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①

C&W advisory message is at the RPCM level but trip indication is for the RPC.

②

Moves data from firmware controller to MDM and then dumps the data from the MDM to the ground.